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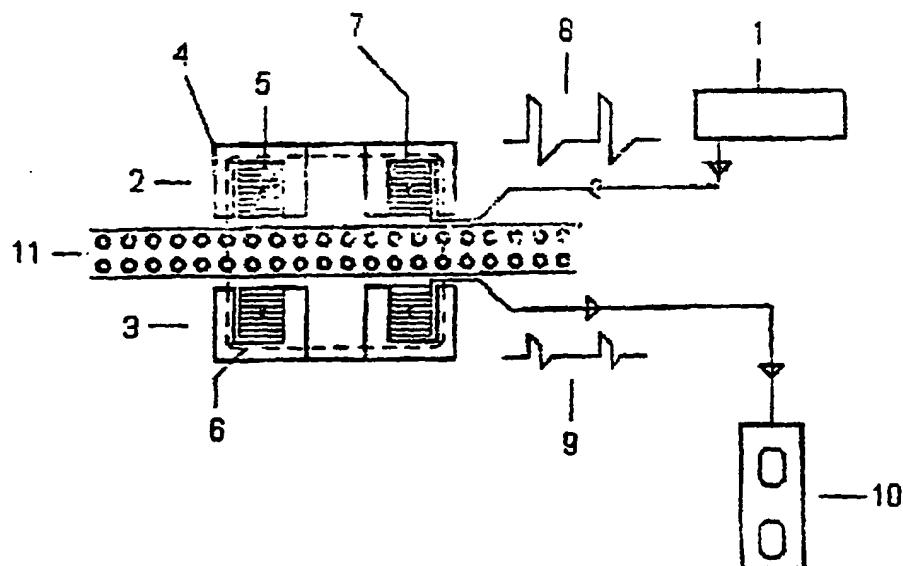
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(54) Title: EXTERNALLY ACTIVATED NEURO-IMPLANT WHICH DIRECTLY TRANSMITS THERAPEUTIC SIGNALS



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(57) Abstract: We present here, an externally activated neuro-implant which directly transmits therapeutic signals. It is an implantable device carrying out neurostimulation. It basically consists of two coils. There are no electronic components in the internal part of system. The passive coil, that is implanted under the skin, is connected with the electrode in the epidural space of the spinal cord. The active coil is placed on the skin overlying the passive coil. Therapeutic signals produced by the transmitter outside the body are directly transmitted by inductive coupling across the skin of the patient.